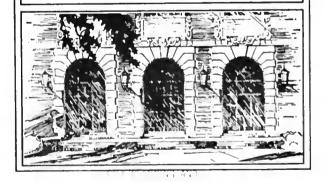


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A SELECTED BIBLIOGRAPHY ON INTERCHANGE DEVELOPMENT AND LAND USE CONTROLS

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The proper use, development, and protection of interchange areas is vitally necessary if the Interstate System is to carry out the functional goals of traffic movement, land use development and related matters, both in the long and short run. The initial monetary outlays for interchange construction are significant; and, for this reason alone, one can justify detailed socio-economic studies to insure their proper utilization.

Even more important, however, is that the use or abuse of interchange areas affects the efficiency of major portions of the Interstate
System and the surrounding areas if they too quickly become congested
and obsolete. An orderly process of land development change at interchanges
is necessary for the most efficient allocation of resources. However,
there is presently a deficiency of information that will allow the planning
process for these areas to proceed on a sound data base. A planning and
control procedure is needed which will incorporate both recent and
anticipated environmental changes into alignment determination and
design features, as well as to allow consideration of alternative control
measures to insure orderly transition in interchange land use development.
In addition, there is a need for planning and control models that will
allow orderly development near existing interchanges. Such a planning
and control procedure to be effective must include, for example,
information on such areas as land development trends and projections,

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estimates of the traffic impact of future development, evaluation of design alternatives, and legal provisions for controlling land development.

For the development of meaningful and comprehensive plans and guides to action, information must also be obtained which will reveal, for example, by how much and in what ways do the demands for user services (food, restroom facilities, service stations) differ from nonlimited access facilities, whether the demands for services between commercial and non-commercial roadway uses are different, differences in demand for services by local and thru traffic, and the types of complementary services that consumers feel should be provided at interchange points.

Information on consumer demands for services is but one aspect of this problem. Information must also be developed, for example, on the threshold level in terms of consumer demands that will justify the appropriate investments by private enterprise, the differences in terms of the specialized functions of rural versus urban interchanges, downtown interchanges versus outlying metropolitan interchanges, interchanges with and without frontage roads, and differences in terms of the traffic generating characteristics of different types of land use at interchanges, i.e., residential, rural, commercial, and industrial. Additionally, the degree of influence of land uses at areas some distance from the interchange must be revealed, as must compatibility and incompatibility of given types of land use, the amount of local versus thru traffic at given interchanges, and differences in trip purposes of traffic utilizing the interchanges.

Answers to the above questions will permit the development of plans for effectively guiding and controlling development at interchanges. It must be assumed that at most interchanges certain types of land use



will inevitably occur. Often, before an interchange is even completed, large traffic generators are built proximate to the exit and entrance terminals. The resulting traffic loads which are generated by this uncontrolled development may functionally destroy the interchange if the initial design capacity is too quickly exceeded. Control of some type is necessary. However, the varied character of the interchanges precludes the application of rigid control standards. Land uses and standards of development must be different in congested urban areas as opposed to sparsely settled rural areas and in terms of residential versus commercial areas. However, this does not preclude the development of flexible standards that can be easily adapted to local situations. Standards could be developed by type and location of interchange in terms of such factors as height of building, minimum lot size, off-street parking requirements, adequate visual clearance, and required frontage areas. Controls could possibly be in the form of zoning requirements, driveway control dimensions, building setback requirements, subdivision regulations, and so forth. The development and application of these types of controls which are designed to insure a process of orderly development and change at interchange points are impossible, however, without an adequate data base from which to formulate plans. A dynamic planning and control procedure which incorporates and anticipates environmental changes in the planning process and which simultaneously considers alternative control measures is needed to permit an orderly transition of interchange land development to protect the tremendous investment of public funds in these types of facilities. The attached selected bibliography on interchange development and land use controls hopefully will provide a series of books, monographs, articles and other materials which will be

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of significant value to urban and regional planners in the development of control procedures to insure the optimal and efficient functioning of these spatially unique areas along the Interstate System.

BIBLIOGRAPHY

- Adkins, William G., Studies of Land Development at Interchanges (College Station, Texas: Texas Transportation Institute, 1962).
- Ahner, Charles W., "Planned Access Control Keeps our Highways Young," Traffic Quarterly, Vol. XI (October 1957), 458-476.
- American Petroleum Institute, Committee on Public Affairs, Customer Services to Users of Limited Access Highways (Washington, D.C.: The Institute, 1959).
- American Society of Planning Officials, A Survey of Current Literature on Interchange Problems of the Interstate System. Planning Advisory Service, ASPO, Chicago (1959).
- American Society of Planning Officials, Planning Advisory Service, "Expressway Interchanges," Information Report, No. 137, ASPO, Chicago (1960).
- American Society of Planning Officials, Planning Advisory Service, "The Urbanizing Influence of the Expressway and the Need for Planning and Zoning," Information Report, No. 71, ASPO, Chicago (1955).
- Ashley, Roy H. and William F. Berard, "Interchange Development along 180 Miles of I-94," Highway Research Record, No. 96 (Washington, D.C.: Highway Research Board of the National Academy of Sciences, 1965), 46-58.
- Atkinson, Harry W. and Howard K. Menhinick, Land-Use Planning and Control along the Interstate Highway System in Georgia (Atlanta, Georgia: Georgia Institute of Technology, Engineering Experiment Station, 1963).
- Barton-Aschman Associates, Multiple Use of Lands within Highway Rights-ofway, National Cooperative Highway Research Program Report 53 (Washington, D.C.: Highway Research Board of the National Academy of Science, 1968).
- Beaton, William R. and Thomas H. Hall, III, "Service Station Site Considerations on the Interstate Highway," Appraisal Journal, Vol. 36, No. 4 (October 1968), 559-567.
- Beaton, William, "The Interstate Highway Market and Implications for Petroleum Marketer," Journal of Retailing, Vol. 45, No. 2 (Summer 1969), 39-52.

- Boyce, Byrl N., "Excess Acquisition Revisited: Control of Land Use at the Interstate Interchange," Land Economics, Vol. 45 (August 1969).
- Broesche, Travis C., "Land-Use Regulation for the Protection of Public Parks and Recreational Areas," <u>Texas Law Review</u>, Vol. 45 (November 1966), 96-131.
- Campbell, Charles W., Economic Problems Emerging as a Result of Interchange Patterns on the Interstate Highway System in Virginia (Charlottes-ville, Virginia: Virginia Council of Highway Investigation and Research, 1964).
- Carroll, J. Douglas, "New Ways to See Land Use and Transportation," Civil Engineering-ASCE, Vol. 34 (August 1964), 62-63.
- Chapin, F. Stuert, <u>Urban Land Use Planning</u>, (Urbana, Illinois: University of Illinois Press, 1965), 498.
- "City Planning and the New Highways," New England Business Review (November 1958), 1-5.
- Covey, Frank M., "Freeway Interchanges: A Case Study and Overview," Marquette Law Review, Vol. 45 (Summer 1961), 21-58.
- , "Highway Protection Through Control of Access and Roadside Development," Wisconsin Law Review (1959), 567-607.
- , "Impact of Police Power Controls along the Wisconsin Trunk
 Highway System," Highway Research Board Bulletin 232 (Washington,
 D.C.: Highway Research Board of the National Academy of Sciences,
 1959), 84-105.
- David, James H., Photographic Comparison of Land Uses Adjacent to Interchange Limits of the Interstate System, A series of reports issued annually beginning in 1964 (Montgomery, Alabama: Alabama Highway Department and Federal Highway Administration).
- Delafons, John, Land Use Controls in the U.S. (Cambridge, Massachusetts: Joint Center for Urban Studies, 1962).
- Early, Wayne O., "Warrants, Criteria, and Standards for Acquiring Land and Interests in Land for Scenic and Other Highway Environmental Purposes," <u>Highway Research Report No. 206</u> (Washington, D.C.: Highway Research Board of the National Academy of Sciences, 1967), 1-35.
- East Los Angeles Interchange Operation Study, PB 180235. Nay be ordered from National Technical Information Service, 5285 Port Royal Road, Springfield, Virginia 22151.
- Eckert, Edward C., "A Concept for Interstate System Rest Areas," Highway
 Research Record No. 23 (Washington, D.C.: Highway Research
 Board of the National Academy of Sciences, 1963), 42-46.

- 6
- Eighmy, Thomas H. and John J. Coyle, "Toward a Simulation of Land Use for Highway Interchange Communities," in John R. Maiolo (ed.),

 Highways and Communities (University Park, Pennsylvania: Institute for Science and Engineering, Highway Impact Research Program, 1966).
- , The Simulation of Land Use for Highway Interchange Communities (University Park, Pennsylvania: The Institute for Research on Land and Water Resources, Highway Impact Research Program, 1967).
- Erbe, Norman A., "A Review and Some New Thinking on Control of Highway Access," Highway Research Board Bulletin 232 (Washington, D.C.: Highway Research Board of the National Academy of Science, 1959), 19-78.
- Eyerley, Raymond W., Land Use and Land Value in Four Interchange

 Communities, (University Park, Pennsylvania: Institute for Research
 on Land and Water Resources, Highway Impact Research Program,
 1966).
- , Trends in Property Formation, Real Estate Values, and Land Use in Four York Interchange Communities: An Interim Report (University Park, Pennsylvania: Institute for Research on Land and Water Resources, 1964).
- Fisher, R. I., "Accident and Operating Experience at Interchanges,"

 Highway Research Board Bulletin 291 (Washington, D.C.: Highway
 Research Board of the National Academy of Sciences, 1961), 125-138.
- Flaherty, Mark C., "Commercial Highway Service Districts and the Interstate: Their Proper Relationship in an Urban Setting," Highway Research Record, No. 96 (Washington, D.C.: Highway Research Board of the National Academy of Sciences, 1965), 8-18.
- tunities and Land Use Controls (Duluth, Minnesota: Minnesota Highway Research Project Group, 1964).
- Fornoff, A., "The Relationship of Zoning to Traffic Generators," <u>Law</u> and Contemporary Problems, Vol. 20, No. 2 (Spring 1955).
- Fowler, Robert D., A Pilot Study of Highway-Oriented Business Development of Non-Urban Interchange Areas (University of West Virginia: West Virginia Center for Appalachian Studies and Development, 1965).
- Frankland, Bamford, "Land Acquisition and Land Use Controls in the Federal Aid Highway Program," Highway Research Report, No. 258 Washington, D.C.: Highway Research Board of the National Academy of Sciences, 1968).
- , "Land Use Controls at Freeway Interchanges in California,"
 Traffic Quarterly, Vol. 19 (October 1965), 541-555.



- Frederick, Joseph C., "The Trichotomy: The Highway, the Roadside, and Recreation," Highway Research Report, No. 206 (Washington, D.C.: Highway Research Board of the National Academy of Sciences, 1967), 36-45.
- Frey, J.C., H. K. Dansereau, R. D. Pashek, and A. Twark, "Land Use Planning and the Interchange Community," Highway Research Board Bulletin 327 (Washington, D.C.: Highway Research Board of the National Academy of Sciences, 1962), 56-66.
- Juregulated Development in a Suburban Community: A Case Study
 (University Park, Pennsylvania: Pennsylvania State University, 1960).
- Gamble, H. B., D. L. Raphael and O. H. Sauerlander, "Direct and Indirect Economic Impacts of Highway Interchange Development," Highway Research Board Bulletin 149 (Washington, D.C.: Highway Research Board of the National Academy of Sciences, 1956), 42-55.
- , The Impact of Interchange Development on the Economy of Clinton County (University Park, Pennsylvania: Institute for Research on Land and Water Resources, Highway Impact Research Program, 1967).
- Garrison, William L., "Supply and Demand for Land at Highway Interchanges,"

 Highway Research Board Bulletin 288 (Washington, D.C.: Highway

 Research Board of the National Academy of Sciences, 1961), 61-66.
- , "Connectivity of the Interstate Highway System," in Brian Berry and Duane Marble, (eds.), Spatial Analysis (Englewood Cliffs, New Jersey: Prentice Hall, 1968).
- Golding, S. and K. D. Davidson, Land Use Prediction in Transportation
 Planning Bulletin No. 13 (Erisbane:University of Queensland, 1969).
- Gruenbaum, Michael T. and Peter P. Hale, "Parking Conditions and Habits near Expressway Interchanges," <u>Traffic Engineering</u>, Vol. 30, No. 9, June, 1960.
- Guyton, J. W. "Controlling Highway Access," <u>Traffic Quarterly</u>, Vol. X (October 1956), 543-546.
- Horwood, Edgar M., Charles Graves, and Clark D. Rogers, "An Evaluation of Land-Use Control Procedures at Freeway Approaches," <u>Highway Research Board Bulletin 288</u>. (Washington, D.C.: 1961).
- Illinois Division of Highways, <u>Case Studies of Selected Interchange</u>
 <u>Areas</u> (Springfield, Illinois: Illinois Division of Highways, 1966).
- , Current Laws and Practices Affecting Interchange Area Planning (Springfield, Illinois: Illinois Division of Highways, 1936).
- , Highway and Land-Use Relationships in Interchange Areas (Springfield, Illinois: Illinois Division of Highways, 1968), 40.

1.600

- Illinois Division of Highways, Illinois Interchange Area Development (Springfield, Illinois: Illinois Division of Highways, 1966).
- , Your Community at the Crossroads (Springfield, Illinois: Illinois Division of Highways, undated).
- Information Requirements for Exiting at Interchanges, PB 182382. May be ordered from National Technical Information Service, 5285 Port Royal Road, Springfield, Virginia 22151.
- "Interstate Market: New, Big, Rich," <u>National Petroleum News</u>, Special Highway Travel Report, Vol. 59 (Nay, 1967), 6-91.
- Johnson, Roger T. and Leonard Newman, "East Los Angeles Interchange Operation Study," <u>Highway Research Board Bulletin 244</u> (Washington, D.C.: Highway Research Board of the National Academy of Sciences, 1959), 27-46.
- Jordahl, Harold C., Jr., "Conservation and Scenic Easements: An Experience Resume," Land Economics, Vol. 39 (November 1963).
- Klar, James S., and Isreal Resnikoff, "Land Use and Transportation Planning," <u>Traffic Quarterly</u>, Vol. 19 (April 1965), 169-187.
- Kuhn, M. J., "Motorist Services on Limited Access Highways," <u>Traffic</u> Engineering (March 1964), 14-16.
- Kuhn, Herman A. J., "Planning Implications of Urban and Rural Freeway Interchanges," Journal of Urban Planning and Development Division, ASCE, Vol. 95 (April 1969), 81-92.
- Kuprijanow, A., S. Rosenzweig, and M. A. Warshow, Motorists' Needs and Services on Interstate Highways, National Cooperative Highway Research Program Report 64 (Washington, D.C.: Highway Research Board of the National Academy of Sciences, 1969).
- Laing, Bruce C., Edgar Horwood, and Charles Graves, "Freeway Development and Quality of Local Planning," Highway Research Board Bulletin 343 (Washington, D.C.: Highway Research Board of the National Academy of Sciences, 1962), 101.
- Lehr, Robert L., Joseph L. Rogers, and William N. Willcut, Relationship of the Highway Interchange and the Use of Land in the State of Oklahoma. Parts I and II (University of Oklahoma Research Institute, 1965).
- Levin, David R., "Land Use Development and the Highway Interchange,"

 Engineering Bulletin of Purdue University, Engineering Extension
 Series, Series 105, Vol. 44, No. 6 (November 1960), 117-129.
- , "Report of Committee on Land Acquisition and Control of Highway Access and Adjacent Areas," Highway Research Board Bulletin 273 (Washington, D.C.: Highway Research Board of the National Academy of Sciences, 1960), 1-66.

- Levin, David R, "The Highway and Land Use," Jean Labatut and Wheaton J.

 Lane, (eds.) Highways in Our National Life (Princeton, New Jersey:
 Princeton University Press, 1950), 268-276.
- _____, "The Highway Interchange and Land Use," American Road Builder, Vol. 37, No. 8 (August 1960), 8-10.
- , "The Highway Land Use Problem," Highway Research Board Bulletin 288 (Washington, D.C.: Highway Research Board of the National Academy of Sciences, 1962), 1-2.
- Levy, J. J., "Garden State Parkway Reports Interchange Parking Experience," Traffic Engineering, (May 1966), 14-15.
- Lowrey, Paul R., A Planned Interchange in a Residential Area: Some Interim

 Influences (Oxford, Mississippi: The University of Mississippi

 Bureau of Business Research, 1961).
- Lubar, Robert, "Interchange Ahead," Fortune, October 1958, 130-144.
- Maiolo, J. R., and H. K. Dansereau, <u>Factors Conditioning the Adoption of Zoning Controls in Interchange Communities</u>, Research Report No. 5 (University Park, Pennsylvania: Institute for Research on Land and Water Resources).
- Guidelines for Estimating the Adoption of Highway Protection
 (University Park, Pennsylvania: Institute for Research on Land and
 Water Resources, Highway Impact Research Program, 1967).
- , Planning, Zoning, and Interchange Protection: A Report of Leadership Attitudes (University Park, Pennsylvania: Institute Research on Land and Water Resources, Highway Impact Research Program, 1969).
- , "Patterns of Adoption of Land Use Controls in Interchange Communities," Unpublished Ph.D. Thesis (University Park, Pennsylvania: The Pennsylvania State University, December 1965).
- , "Planning, Zoning, and Interchange Protection: A Report of Leadership Attitudes," in John R. Maiolo, (ed.), Highways and Communities (University Park, Pennsylvania: Institute for Science and Engineering, Highway Impact Research Program, 1966).
- Marble, Duane F., "User Services and the Demand for Land at Interchange Points," <u>Highway Research Board Bulletin 288</u> (Washington, D.C.: Highway Research Board of the National Academy of Sciences, 1961), 25-31.
- Marks, Harold and Salem Spitz, A Review of Transportation Aspects of Land Use Control, National Cooperative Highway Research Program Report 31 (Washington, D.C.: Highway Research Board of the National Academy of Sciences, 1966).

- 10
- McClarland, W. R., Traffic Characteristics of Westbound Interchange
 Traffic on the Gulf Freeway (College Station, Texas: Texas A & M College System, 1964).
- Metropolitan Planning Commission for Nashville and Davidson County, Tennessee, Study of Interstate Highway Interchange Area Development, September 1965.
- Moore, Charles T., Morris L. Mayer, and Joseph Barry Mason, "A Valuation of Information Sources and Cues by Motorist Traveler Guests of Lodging Establishments: Public Attitudes toward Highway Improvements," Highway Research Record 233 (Washington, D.C.: Highway Research Board of the National Academy of Sciences, 1968), 27-32.
- Netherton, Ross D., Control of Highway Access (Madison, Wisconsin: University of Wisconsin Press, 1963).
- Neve, James P., Jr., "A Scorecard for Interchanges," <u>Traffic Engineering</u>, Vol. 32, No. 12 (September, 1962), 22-23, 35.
- Newman, L., "Traffic Operation at Two Interchanges in California,"

 Highway Research Board Bulletin 27 (Washington, D.C.: Highway
 Research Board of the National Academy of Sciences, 1963), 14-43.
- Pendleton, William C., "An Empirical Study of Changes in Land Use at Freeway Interchanges," <u>Traffic Quarterly</u>, Vol. 19 (January 1965), 89-100.
- , and Robert R. Wagner, Economic and Legal Aspects of Land Use at Freeway Interchanges (Washington, D.C.: Farm Economics Research Division of the Agricultural Research Service, U.S. Department of Agriculture, 1960).
- , "Land Use at Freeway Interchanges," Traffic Quarterly, Vol. 15 (October, 1961), 538.
- Pennsylvania Department of Highways, Office of Planning and Research, <u>Interchange Areas</u> (Harrisburg, Pennsylvania: Department of Highways, July 1960).
- provision of Limited Access: National System of Interstate and Defense Highways (Harrisburg, Pennsylvania: The Pennsylvania Department of Highways, 1960).
- Pennsylvania State Planning Board, A New Front Door for Your Community, (Harrisburg, Pennsylvania: The Pennsylvania Department of Highways, 1963).
- Pitkin, Francis A., A Manual for Interchange Area Planning (Harrisburg, Pennsylvania: The Pennsylvania State Department of Highways, June 1963).

- Sauerlander, Owen, and Robert Donaldson, "Factors that Influence Economic Development at Non-Urban Interchange Locations," in John R. Maiolo, (ed.), <u>Highways and Communities</u> (University Park, Ponnsylvania: Institute of Research on Land and Water Resources, Highway Impact
- at Non-Urban Interchange Locations, Research Report Number 9 (University Park, Pennsylvania: Institute for Research on Land and Water Resources, 1966).

Research Program, 1966), 39-50.

- Spears, John D. and Charles H. Smith, A Study of Land Development and Utilization at Interchange Areas Adjacent to Interstate 10 in Tennessee (Knoxville, Tennessee: University of Tennessee, Highway Research Program and U.S. Bureau of Public Roads, September, 1968).
- Stanhagen, William and John J. Mullins, "Application of Police Power and Planning Controls to Arterial Streets: Increasing Traffic Capacity on Arterial Streets," Highway Research Board Bulletin 271 (Washington, D.C.: Highway Research Board of the National Academy of Sciences, 1960), 27.
- , "Highway Interchanges and Land Use Controls," Highway Research
 Board Bulletin 288 (Washington, D.C.: Highway Research Board of
 the National Academy of Sciences, 1961), 32-60.
- , Highway Transportation Criteria in Zoning Law (Washington, D.C.: U.S. Government Printing Office, 1960).
- State Highway Commission of Visconsin, Interchange Area Planning in Wisconsin (Madison, Wisconsin: Planning and Research Division, State Highway Commission of Wisconsin, undated).
- Stein, Martin L., "Highway Interchange Development--Some Recent Findings," Public Roads, Vol. 35 (December 1969), 241-250.
- _____, John Yasnowsky, Jr., Floyd I. Thiel, and Michael R. Horwitz, "Highway Interchange Locations for Churches--A Pilot Study in Washington, D.C.," Public Roads, Vol. 35, No. 1 (April 1968), 9-17.
- Stockwell, Edward and John P. Dixon, Social and Economic Change at Interchange Areas of the Connecticut Turnpike, 1958-1964, Research Report 16, (The University of Connecticut: Storra Agricultural Experiment Station, 1966).
- Stuart, Darwin G., "Freeway Corridor Planning," <u>Highway Research Record</u>
 293 (Washington, D.C.: Highway Research Board of the National Academy of Sciences, 1969).
- Study of Interstate Highways, Frontage Roads and Industrial Location, PE 180351. May be ordered from National Technical Information Service, 5285 Port Royal Road, Cpringfield, Virginia 22151.



- Sutte, Donald T., and Roger A. Cumingham, Scenic Easements: Legal,
 Administrative, and Valuation Problems and Procedures, National
 Cooperative Research Program Report 56 (Washington, D.C.: Highway
 Research Board of the National Academy of Sciences, 1968).
- Taylor, Milton C., "Service on Limited-Access Highways: Organized Pressures and the Public Interest," Land Economics, Vol. 35 (February 1959), 24-34.
- Tennessee State Planning Commission, <u>Highway Access Areas in Tennessee</u> (Nashville, Tennessee: The Tennessee State Planning Commission, 1962).
- Thiel, Floyd, "Highway Interchange Area Development," Public Roads, Vol. 33, No. 8 (June 1965), 163.
- , "Highway Interchange Development," Highway Research Record 96 (Washington, D.C.: Highway Research Board of the National Academy of Sciences, 1965), 24-45.
- Twark, Richard D. and Owen H. Sauerlander, A Predictive Model of Economic Growth at Non-Urban Interchange Sites on Pennsylvania Interstate
 Highways (University Park, Pennsylvania: Institute for Research on Land and Water Resources, 1965).
- Utah State Department of Highways, Utah Land Use Control Methods for Interchange Areas (Salt Lake City, Utah: Utah Department of Highways and the U.S. Bureau of Public Roads, 1967).
- , Utah Land Use at Interchange Study Instructional Namual (Salt Lake City, Utah: Utah State Department of Highways and the U.S. Bureau of Public Roads, undated).

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